COMMERCIAL

Radio, Television and Sound Amplification

ENGINEERING

(One Year)

*A Complete Course of Instruction for High School Graduates**

Outline of Course

SEMESTER I

Course	No.	Subjects	Periods Per Week†
Elect.	1-A	Wiring and Metering	5
		Radio Electricity	5
Draft.	1-A	Geometric Construction and Slide Rule	10
Math.	6-A	Trigonometry	3
Math.	5-A	College Algebra	4
English	1-A	Commercial English	5
Rad. Reg.	1-A	Practical Operating and Regulations	3
Rad. Theo.	1-A	Radio Theory (Reception)	5
Rad.	11-A	Reception Laboratory	2
Rad. Tele.	1-A	Radio Telegraphy	5
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SEMESTER II

Elect.	2-A	A-c and D-c Motor Gen. and A. W.	12
Math.	7-A	Analytic Geometry	4
Physics	1-A	College Physics	4
Math.	11-B	Differential Calculus	3
English	2-A	Technical English	4
Rad.	2-A	Radio Telegraph Transmitters	3
Rad.	3-A	Radio Telephone Transmitters	5
Rad.	12-A	Communication Laboratory	5
Rad. Tele.	2-A	Code and Traffic Procedure	7
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This course prepares for all types of radio work including reception and transmission, speech amplification and electronic control.

Graduates have penetrated into practically every major radio concern.

When successfully completed this curriculum entitles the student to a diploma in Commercial Radio Engineering.

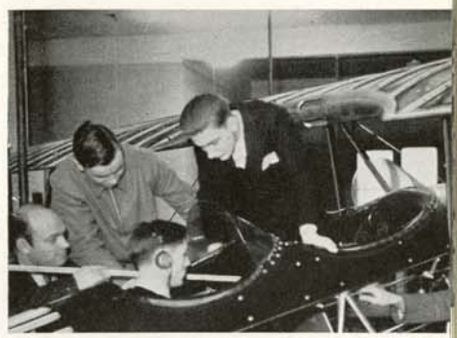
* Non High School graduates can complete lacking credits.

† Periods are 45 minutes in length, semesters are 5½ months long.

. . . a thorough knowledge of the code is essential for the operating radio engineer. Students are grouped according to absorption ability and are thoroughly drilled to the required speeds.

. . . inspection trips at psychologically correct intervals are an important factor in the student's development. Here is a group of radio students en route by boat for a 2-day trip to a Chicago Radio Convention.

. . . the industrial application of vacuum tube circuits is an important phase of the radio industry and is therefore well covered in the Radio courses at M. S. O. E.



. . . rigid analytic tests on the latest types of equipment are the essential tools of the progressive and successful radio serviceman. Courses in Radio are all augmented with special lecture and laboratory courses in electricity and classes in mathematics.